

RAYEVSKIY, K.S.

Comparative anticonvulsant activity of phenothiazine derivatives
in experimental electric shock. Biul. eksp. biol. i med. no.2:
64-68 F '61. (MIRA 14:5)

1. Iz otdela po vyyavleniyu fiziologicheskoy aktivnosti novykh
produktov khimicheskogo sinteza (zav. - kandidat med. nauk Yu.I.
Vikhlyayev) Instituta farmakologii i khimioterapii (dir. - deystvitel'nyy
chlen AMN SSSR V.V. Zakusov) AMN SSSR, Moskva. Predstavlena
deystvitel'nyy chlenom AMN SSSR V.V. Zakusovym.
(PHENOTHIAZINE) (ANTICONVULSANTS)
(ELECTRICITY, INJURIES FROM)

RAYEVSKIY, K.S.

Use of aminazine and mepazine in association with anticonvulsive preparations. Zhur.nevr.i psikh 60 no.8:1002-1008 '60.

(MIRA 13:9)

1. Kafedra farmakologii I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova (zav. - prof.V.V.Zakusov).

(MEPAZINE)

(CHLORPROMAZINE)

(ANTICONVULSANTS)

RAYEVSKY, K. S.

USSR/Pharmacology. Toxicology. Tranquilizers U-2

Abs Jour : Ref Zhur-Biol., No 7, 1958, 32836

Author : Rayevsky K. S.

Inst : ~~Not given~~ *Inst. Pharmacology & Chemotherapy, USSR Acad. Sciences*

Title : Effect of Some Derivatives of Phenothiazine on the Development of Experimental Toxic Pulmonary Edema. *Pharmacology*

Orig Pub : Byul. eksperim. biol. i meditsiny, 1957, 43, No 6, 33-35

Abstract : Aminazine, mepazine and its chloro-derivative analogue, as well as promethazine when preliminarily administered to mice depress the development of pulmonary edema induced in the animals by the subcutaneous administration of adrenalin in a dose of 10 mg/kg, and in rats by the intraperitoneal administration of NH_4Cl in a dose of 0.7 to

Card 1/2 0.75 ml (6% solution) per 100 g of weight. The greatest activity was displayed by aminazine (10 to 20 mg/kg), the weakest--by prometazine.

LYUBIMOV, B.I.; RAYEVSKIY, K.S.

Relationship between ataractic and other types of central action of
some phenothiazine derivatives. Farm. i teks. 25 no.1:24-27 Ja-r'
'62. (MIRA 15:4)

1. Laboratoriya chastnoy farmakologii (zav. - deystvitel'nyy chlen
AMN SSSR prof. V.V.Zakusov) Instituta farmakologii i khimioterapii
AMN SSSR. (PHENOTHIAZINE) (NERVOUS SYSTEM)

RAYEVSKIY, K.S.; BOTOBIN Yu.M.

Starostin properties of the series of 4-mono- and 1,4-disubstituted pyrazoles. Farm. i toks. 26 no.5:551-556 P-0 '63.

(MIRA 17:6)

1. Otdel po vyvazheniyu fiziologicheskoy aktivnosti novykh produktov khimicheskogo sinteza (zav. - kand. med. nauk Yu.I. Vikhlyunov) Instituta farmakologii i khimioterapii AMN SSSR.

RAYEVSKIY, K.S.; LYUBIMOV, B.I.; KLYGUL', T.A.

Pharmacology of triptazine. Zhur. nevr. i psikh. 64 no. 12:
1868-1876 '64. (MIRA 18:1)

1. Institut farmakologii i khimioterapii AMN SSSR, Moskva.

RAYEVSKIY, K.S.

Comparative anticonvulsive characteristics of trimecaine
and xylocaine. Biul. eksp. biol. i med. 54 no.12:53-57:1962.
(MIRA 16:6)

1. Iz otdela po vyyavleniyu fiziologicheskoy aktivnosti
novykh produktov khimicheskogo sinteza (zav. - kand.med. nauk
Yu.I.Vikhlyayev) Instituta farmakologii i khimioterapii (dir.
deystvitel'nyy chlen AMN SSSR V.V.Zakusov) AMN SSSR, Moskva.
Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Zakusovym.
(LOCAL ANESTHESIA) (ANTICONVULSANTS)

RAYEVSKIY, K.S.

Pharmacology of new hexafluoropropane derivatives with depressant action. Farm. i toks. 25 no.2:138-143 Mr-Apr '62. (MIRA 15:6)

1. Otdel po vyavleniyu fiziologicheskoy aktivnosti novykh produktov khimicheskogo sintesa (zav. - kand.med.nauk Yu.I. Vikhlyayev) Instituta farmakologii i khimioterapii AMN SSSR.
(PROPANE)

VIKHLIYAYEV, Yu.I.; IL'INSKIY, V.I.; RAYEVSKIY, K.S.; BATULIN, Yu.M.;
GRANDBERG, I.I.; KOST, A.N.

Pharmacology of 3,5-disubstituted pyrazoles. Farm. i toks. 25
no.1:27-32 Ja-F '62. (MIRA 15:4)

1. Otdel po vyvavleniyu fiziologicheskoy aktivnosti novykh produktov
khimicheskogo sinteza (zav. kand.med.nauk Yu.I.Vikhlyayev) Instituta
farmakologii i khimioterapii AMN SSSR i laboratoriya spetsial'nogo
organicheskogo sinteza i analiza (zav. - chlen-korrespondent AN SSSR
prof. A.P.Terent'yev) khimicheskogo fakul'teta Moskovskogo gosudar-
stvennogo universiteta imeni M.V.Lomonosova.

(PYRAZOLE)

RAYEVSKIY, K.S.

Method for the detection of the activity and comparative evaluation
of antispastic substances. Farm. i toks. 24 no. 4 495-497 J1-Ag '61.
(MIRA 14:19)

1. Otdel po vyavleniyu fiziologicheskoy aktivnosti novykh produktov
khimicheskogo sinteza (zav. - kand.med.nauk Yu.I.Vikhlyayev) Instituta
farmakologii i khimioterapii AMN SSSR.
(ANTISPASMODICS) (METHANOL)

RAYEVSKIY, L.

Plenum of the council for the study of the productive forces of the
republic. Izv. AN Uz.SSR no.1:135-136 '53. (MIRA 11:3)
(Uzbekistan--Agricultural research)

ASHUROV, Ya.S.; GELAKH, T.F.; KAMALOV, U.; NAMAZOV, Dzh., red.;
RAYEVSKIY, L., red.; PINKHASOV, Ya., tekhn.red.

[Bukhara; a concise guidebook] Bukhara; kratkii spravochnik-
putevoditel'. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1956. 81 p.
(MIRA 11:1)

(Bukhara--Description)

RAYEVSKIY, L.A., red.; RAKHMATULLIN, F., tekhn.red.

[Irrigation and cultivation of the Golodnaya Steppe] Ob oroshenii
i osvoenii Golodnoi Step; sbornik materialov. Tashkent, Gos.izd-vo
Uzbekskoi SSR, 1956. 39 p. (MIRA 10:12)
(Golodnaya Steppe--Irrigation)

TSAPENKO, Nikolay Grigor'yevich; TADZHIMOV, Tursunbay; RAYEVSKIY, L.A.,
red.; BAKHTIYAROV, A., ~~tech.~~ red.

[The Kara-Kalpak A.S.S.R.; concise handbook] Kara-Kalpakskaya
ASSR; kratkii spravochnik. Tashkent, Gos.izd-vo Uzbekskoi SSR,
1960. 108 p. (MIRA 15:2)
(Kara-Kalpak A.S.S.R.—Handbooks, Manuals)

AYRUMOV, A.M., kand.ekonom.nauk, otv.red.; BEZRODNOV, N.A., kand.ekonom.
nauk, otv.red.; SAPIL'NIKOV, N.G., kand.ekonom.nauk, otv.red.;
RAYEVSKIY, L.A., red.; SALAKHUTDINOVA, A., tekhn.red.

[Economic and organizational aspects of socialist agricultural
enterprises; textbook] Ekonomika i organizatsiia sotsialisti-
cheskikh sel'skokhoziaistvennykh predpriatii; uchebnoe poso-
bie. Otv.red. A.M.Airumov, N.A.Bezrodnov, N.G.Sapil'nikov.
Tashkent, Gos.izd-vo Uzbekskoi SSR, 1960. 189 p.

(MIRA 14:2)

(Uzbekistan--Agriculture)

KOVALEV, Pavel Arkhipovich; ~~RAYEVSKIY, L.A.~~, redaktor; PINKHASOV, Ya.B.,
tekhnicheskiiy redaktor.

[Service area workers from Turkestan during the First World War,
May 1916-1917] Tylovye rabochie Turkestana v gody Pervoi Mirovoi
voiny (1916-mai 1917 gg.). Tashkent, Gos.izd-vo Uzbekskoi SSR,
1957. 185 p. (MIRA 10:11)
(European War, 1917-1921) (Service, Compulsory nonmilitary)

ASHUROV, Ya.S.; GELAKH, T.F.; KAMALOV, U.; NAMAZOV, Dzh., redaktor;
RAYEVSKIY, L., redaktor; PINKHASOV, Ya., tekhnicheskii redaktor

[Bukhara; a concise guidebook] Bukhara; kratkii spravochnik-
putevoditel'. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1956. 81 p.
(Bukhara--Description) (MLRA 10:8)

MEL'NIKOVA, Taisiya Stepanovna, kand.ekonom.nauk; RAYMVSIIY, L.A., red.;
RAKHMATULLIN, P., tekhred.

[Formation of a labor force in Uzbekistan] Formirovanie pro-
myshlennykh kadrov v Uzbekistane. Tashkent, Gos.izd-vo UzSSR,
1956. 110 p. (13:2)

(Uzbekistan--Industries)
(Uzbekistan--Labor and laboring classes)

GORDIYENKO, Andrey Artem'yevich; RAYEVSKIY, L.A., red.; UMANSKIY,
P.A., tekhn.red.

[Leading role of the Soviet Government and Soviet law in
the socialist reorganization of Turkestan] Tvorcheskaia
rol' Sovetskogo gosudarstva i prava v sotsialisticheskome
preobrazovanii Turkestana. Tashkent, Gosizdat UzSSR,
1958. 322 p. (MIRA 13:2)
(Soviet Central Asia--Revolution, 1917-1921)
(Soviet Central Asia--Economic conditions)

LITVAK, Lev Yevseyevich; TSYPKINA, Mira Abramovna; RAYEVSKIY, L.A., red.;
BAKHTIYAROV, A., tekhn.red.

[Development of local and cooperative industries in Uzbekistan]
Razvitie mestnoi i kooperativnoi promyshlennosti Uzbekistana.
Tashkent, Gos. izd-vo Uzbekskoi SSR, 1957. 124 p. (MIRA 11:12)
(Uzbekistan--Industries)

NEPOMNIN, V.Ya., kand.istor.nauk; ZHITOV, K.Ye., doktor istor.nauk,
otv.red.; RAYEVSKIY, L.A., red.; SALAKHUTDINOVA, A., tekhn.red.

[Historical experience in the building of socialism in Uzbekistan, 1917-1937] Istoricheskii opyt stroitel'stva sotsializma v Uzbekistane, 1917-1937. Otvet.red.K.E.Zhitov. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1960. 381 p. (MIRA 13:9)
(Uzbekistan--Economic conditions)

BELORUTSKIY, A.G., mayor; GRIGOR'YEV, A.Ya., podpolkovnik; MILLEROV, V.I.,
mayor; UL'YANOV, I.F., gvardii polkovnik zapasa; KHRENNIKOV, A.A.,
podpolkovnik; TSABINOV, S.M., podpolkovnik; KONINSKIY, V.A., obshchiy
red.; RAYEVSKIY, L.A., red.; UMANSKIY, P.A., tekhn.red.

[Tashkent Red Banner and Order of the Red Star Military Academy
named for V.I.Lenin; a brief historical account] Tashkentskoye
krasnoznamennoye i ordena Krasnoy Zvezdy voyennoye uchilishche
imeni V.I.Lenina. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1958.
280 p. (MIRA 12:3)

(Tashkent--Military education)

FAZYLOV, Kh.F.; SADOVSKIY, A.I.; RAYEVSKIY, L.A., red.; UMANSKIY, P.A.,
tekhn.red.

[Development of science in Uzbekistan] Razvitie nauki v Uzbekskoi
SSR. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1959. 67 p.
(MIRA 14:3)

(Uzbekistan--Science)

GERMANYUK, M.M.; RAYEVSKIY, M.I.

Artesian waters of southern Turkmenia. Sov. geol. 6 no.7:
130-132 JI '63. (MIRA 16:8)

1. Yugo-Vostochnaya Karakumskaya geologicheskaya ekspeditsiya
Upravleniya geologii i okhrany nedr pri Sovete Ministrov
Turkmeniskoy SSR.

GABRIELYANTS, G.A.; RAYEVSKIY, M.I.

Results of the work of the Board of Geology and Conservation of Mineral Resources at the Council of Ministers of the Turkmen S.S.R. in 1962. Izv. AN Turk. SSR. Ser.fiz.-tekhn., khim. i Geol.nauk no. 4:124-127 '63.

1. Upravleniye geologii i okhrany nedr pri Sovete Ministrov Turkmeniskoy SSR.

RAYEASLIT, L.L.L. K. 0001, F.R.

Murgab Bay of the Karakum Sea. Izv. Ak. Nauk. SSSR. Ser. fiz.-
tekh. i khim. i prikl. nauk no.3:74-80 '62 (MIRA 18:1)

1. Muravleniya geologicheskoy razvedki nedr pri Sovete Ministrov
Turkmenской SSSR.

CHEN, Y. H.; CHEN, C. H.; CHEN, C. H.

1. Apprentice in Training at the Southwestern State Univ.
 2. at the Univ. for the 1st time in 1967 and no 2 is
 3. in the 1st time in 1967 and no 2 is (MIRA 17:8)

2. Yuga-Vostochnaya zakaznaya, zapovednitsya i pravleniya
sozdaniya i upravlyaniya na prirodnykh blagotvoritelskoy SSR.

RAYEVSKIY, M.I.

Akchagyl transgression of southeastern Turkmenistan. Izv.AN Turk.SSR.
Ser.fiz.-tekhn., khim.i geol.nauk no.3:104-106 '61. (MIRA 14:7)

1. Yugo-Vostochnaya Karakumskaya geologicheskaya ekspeditsiya
Upravleniya geologii i okhrany neдр pri Sovete Ministrov Turkmenskoy
SSR.

(Turkmenistan--Geology, Stratigraphic)

RAYEVSKIY, M.I.

Upper Quaternary deposits of the Tedzhen-Murgab interfluve. Izv.AN
Turk.SSR.Ser.fiz.-tekhn., khim.i geol.nauk no.3:121-122 '63.

(MIRA 17:3)

1. Yugo-Vostochnaya karakumskaya geologicheskaya ekspeditsiya.

RAYEVSKIY, M.I.

Two types of cross sections of the sediments in the Esenbayskaya series. Izv. AN Turk.SSR. Ser. fiz.-tekhn., khim. i geol. nauk no.2;88-93 '63. (MIRA 17:8)

1. Yugo-Vostochnaya karakumskaya ekspeditsiya Upravleniya geologii i okhrany neдр pri Sovete Ministrov Turkmen'skoy SSR.

RAYEVSKIY, M. S. (g. Rovno, Moskovskaya ul., d. 2-5)

Treatment of severe disorders of the thoracic wall and organs of
the thorax. Grud. khir. no.5:106-109 '61. (MIRA 15:2)

1. Iz khirurgicheskogo otdeleniya (zav. M. S. Rayevskiy) Rovenskoy
gorodskoy bol'nitsy (glavnyy vrach S. Z. Khasayan)

(CHEST--WOUNDS AND INJURIES) (RIBS--FRACTURE)

RAYEVSKIY, M.S. (Rovno, ul. Moskovskaya, d.2b)

Exstrophy of the urinary bladder. Nov. khir. arkh. no.1:66-68 Ja-F
'60. (MIRA 15:2)

1. Khirurgicheskoye otdeleniye (zav. - M.S.Rayevskiy) Rovenskoy gorodskoy
bol'nitsy.

(BLADDER DISPLACEMENT)

RAYEVSKIY, N.

In the Orlov Province radio club. Radio no.2:10 F '54. (MLRA 7:2)

1. Inzhener oblastnogo radiokluba Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu (g.Yelets, Orlovskoy oblasti).

(Orlov Province--Radio clubs) (Radio clubs--Orlov Province)

RAYEVSKIY, M.S.

Favalli-Hirschsprung's disease. Khirurgiia 35 no.7:80-84 Ji '59.
(MIRA 12:12)
1. Iz khirurgicheskogo otdeleniya (zav. M.S. Rayevskiy) Rovenskoy
gorodskoy bol'nitsy (glavnyy vrach N.S. Vorob'yev).
(MEGACOLON, pathology)

RAYEVSKIY, M.S.

Injuries of the urogenital system; data from the Rovno Municipal Hospital. Urologiia 22 no.4:50-53 J1-Ag '57. (MIRA 10:10)

1. Iz khirurgicheskogo otdeleniya (zav. M.S.Rayevskiy) Rovenskoy gorodskoy bol'nitsy (glavnyy vrach N.S.Vorob'yev).
(UROGENITAL SYSTEM, wounds and injuries,
hosp.statist. (Rus))

RAYEVSKIY, N.

In the Yelets radio club. Radio no. 11:10-11 N'55. (MIRA 9:1)

1. Nachal'nik radiokluba Dobrovol'nogo obshchestva sodeystviya
armii, aviatsii i flota.
(Yelets--Radio clubs)

RASSKAZOV, I.D.; MESHCHERYAKOV, L.I.; RAYEVSKIY, N.A.; FILIPPOV, O.N., inzh.

Assembling prestressed reinforced concrete beams with the
K-451M cranes. Transp. stroi. 14 no.10:13-16 O '64.
(MIRA 18:3)

1. Glavnyy inzh. Mostostroya No.3 (for Rasskazov).
2. Glavnyy tekhnolog Mostostroya No.3 (for Meshcheryakov).
3. Nachal'nik tekhnicheskogo otdela Mostostroya No.3 (for Rayevskiy).

NARINYAN, M.A.; RASSKAZOV, I.D.; MESHCHERYAKOV, L.I.; RAYEVSKIY, N.A.;
MURAVLEV, G.A.

Erection of the 44,8 metal span structures by the GEPK-130
crane. Transp. stroi. 15 no.9:13-16 S '65. (MIRA 18:11)

1. Upravlyayushchiy Mostostroyem No. 3(for Narinyan).
2. Glavnyy inzh. Mostostroya No. 3 (for Rasskazov). 3. Glavnyy
tekhnolog Mostostroya No. 3(for Meshcheryakov). 4. Nachal'nik
tekhnicheskogo otдела Mostostroya No.3 (for Rayevskiy).
5. Starshiy inzh. Mostostroya No.3 (for Muravlev).

L 65289-65

(A)

ACCESSION NR: AP5020391

UR/0230/65/000/008/0011/0013
624.873:624.21.8

8

B

AUTHORS: Meshcheryakov, L. I. (Engineer); Rayevskiy, N. A. (Engineer); Pavlyukov, Yu. A. (Engineer)

TITLE: A rational construction of floating supports from KS pontoon

SOURCE: Transportnoye stroitel'stvo, no. 8, 1965, 11-13

TOPIC TAGS: transportation, general construction / KS pontoon

ABSTRACT: A description is given of the construction of highway bridge No. 404 in the city of Astrakhan. The bridge consists of four prestressed concrete spans, 43.2 m long. A plan to move the deck spans into position by means of ordinary floats was discarded in favor of a plan which would diminish exposure of the decks to excessive bending moments and concentrated loads at the points of reaction with the floats. A plan for rational support was conceived by planning group No. 3, Mosstroy. The substitute plan involved the use of KS pontoons both for superstructure towers and for support of the deck girders. A total of 16 pontoons was used, all with standard bolted joints. The arrangement of support pontoons is shown in a sketch. Three groups of four floats each provide the principal

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ACCESSION NR: AP5020391

flotation, with four additional floats arranged along the girders to alleviate bending moments and to distribute the loading. A detailed discussion is given of the manner of assembling and mounting the pontoons to the structure. Additional information is presented on the manner of supplying and removing water ballast from the pontoons. The float arrangement was used for four months and then disassembled. The arrangement was cited as being easy to assemble and disassemble, requiring little manpower and equipment outlay. Variations of the system described were said to be useful in transporting decks up to 60 m long and up to 200 tons in weight. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: GO

NO REF SOV: 000

OTHER: 000

Card 2/2 *MLB*

RAYEVSKIY, N.A., inzh.; MESHCHERYAKOV, L.I., inzh.

Self-fastening cap for vibration pile driving. Transp. stroi. 14
no.11:20-21 N '64. (MIPA 18:3)

RAYEVSKIY, N. P.

"Wire Resistance Gauge" Works of the Seminar on the theory of Machines and Mechanisms, vol VI, No 22, Institute of Machine Studies, Academy of Sciences USSR, 1949.

RAYENOV, N. P.

RAYENOV, N. P. - "Viable-resistance control devices," Study Seminars on theory of machines and mechanisms (Akad. Nauk SSSR, Inst. mashinovedeniya), Vol. VI, Issue 22, 1969, p. 24-30

SC: U-3600, 10 July 69. (Let's is 'Zhurnal 'Izvestiya' No. 6, 1969).

RAYEVSKIY, N.P.; ARTOBOLVSKIY, I.I., akademik, redaktor.

[Methods for an experimental study of the mechanical parameters
of machines] Metody eksperimental'nogo issledovaniia mekhaniche-
skikh parametrov mashin. Moskva, Izd-vo Akademii nauk SSSR, 1952.
235 p. (MLRA 7:3)
(Electric measurements) (Physical measurements)
(Measuring instruments)

1. RAYVSKIY, N.P.
2. USSR (600)
4. Mechanical Engineering
7. Textbook on the contemporary technology of measuring mechanical parameters of machines ("Methods for an experimental study of the mechanical parameters of machinery.", Reviewed by A.D.). Mekh. i elek.sel'khoz. no. 3, 1953.

o. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

ARTOBOLLEVSKIY, I.I.; GERTS, Ye.V.; KOBRINSKIY, A.Ye.; RAYEVSKIY, N.P.

Dynamics of pneumatic machinery. Trudy Sem.teor.mash. 13 no.51:60-85
'53. (MLA 7:1)

(Pneumatic tools)

USSR/Engineering - Soil Mechanics

FD-1458

Card 1/1 : Pub. 41-12/17

Author : Artobolevskiy, I. I. Bessonov, A. P., and Rayevskiy, N. P., Moscow

Title : Dynamic curves of soil pressure on a pile driven by the vibration method

Periodical : Izv. AN SSSR. Otd. tekhn. nauk 7, 116-121, 1954

Abstract : Describes apparatus used and gives results obtained in an experimental investigation of the effective pressure of soil on a pile under conditions of vibration pile-driving. Obtains curve of soil pressure on the butt of a pipe and a curve of the displacement of the pipe during process of vibration pile-driving as a function of time. Oscillogram; diagrams; graphs. Seven references.

Institution :

Submitted : September 3, 1954

ARTOBOLSKIIY, I.I.; GERTS, Ye.V.; KOBRINSKIY, A.Ye.; RAYEVSKIY, N.P.

Theoretical and experimental investigation of pneumatic drive for
welding machines. Trudy Sem. po teor. mash. 14 no.56:5-19 '55.
(Pneumatic machinery) (Welding) (MLRA 8:7)

RAYEVSKIY, N.P., kand. tekhn. nauk.

Activity of the section of the Seminar on Experimental Methods
for Investigating Machines. Trudy Inst. mash. Sem. po teor. mash.
17 no.65:27-28 '57. (MIRA 10:12)

1. Nauchnyy rukovoditel' seksii [seminara] po eksperimental'nym
metodam issledovaniya mashin Seminara po teorii mashin i mekha-
nizmov Instituta mashinovedeniya AN SSSR i Vsesoyuznogo nauchnogo
inzhenerno-tekhnicheskogo obshchestva priborostroyeniya.
(Mechanical engineering)

RAYEVSKIY, N.P.

Measuring maximum accelerations. Trudy Inst. mash. Sem. po teor.
mash, 17 no.66:39-51 '57. (MIRA 11:1)
(Accelerometers)

RAYEVSKIY, N. P.

N. P. Rayevskiy, "The Results and the Present State of Experimental Machine Dynamics."

paper presented at the 2nd All-Union Conf. on Fundamental Problems in the Theory of Machines and Mechanisms, Moscow, USSR, 24-28 March 1958.

RAYEVSKIY, N.P.

Two exhibitions of scientific equipment. Vest. AN SSSR 23
no. 6:98 Je '53. (MIRA 11:7)
(London--Scientific apparatus and instruments--Exhibitions)

PHASE I BOOK EXPLOITATION

SOV/3517

Rayevskiy, Nikolay Petrovich, Candidate of Technical Sciences

Datchiki mekhanicheskikh parametrov mashin (Transducers for Mechanical Machine Parameters) Moscow, Izd-vo AN SSSR, 1959. 186 p. (Series: Problemy teorii mashin) 2,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya

\ Ed.: I.I. Artobolevskiy, Academician; Ed. of Publishing House: P.N. Belyanin; Tech. Ed.: G.A. Astaf'yeva; Editorial Board: I.I. Artobolevskiy, Academician (Resp. Ed.); A.A. Blagonravov, Academician; N.G. Bruyevich, Academician; V.I. Bikhushin, Academician; S.V. Sorensen, Academician, Academy of Sciences UkrSSR; S.V. Pinegin, Doctor of Technical Sciences, Professor; N.I. Levitskiy, Doctor of Technical Sciences, Professor; A.Ye. Kobrinskiy, Doctor of Technical Sciences; N.P. Rayevskiy, Candidate of Technical Sciences; and A.P. Bessonov, Candidate of Technical Sciences (Scientific Secretary).

PURPOSE: This book is intended for scientists working in the field of transducers and electronic measurement systems.

Card 1/5

-Transducers for Mechanical Machine Parameters

SOV/3517

COVERAGE: This is the second, revised and enlarged edition of a book which appeared in 1952 under the title *Metody eksperimental'nogo issledovaniya mekhanicheskikh parametrov mashin* (Methods of Experimental Investigation of Mechanical Parameters of Machines). The chapter of the first edition in which measurement schemes and electric devices were discussed has been replaced by an explanation of the requirements for those devices as applied to transducers and measured mechanical parameters. The second edition contains also experimental methods of solving certain problems of the theory of machines and mechanisms. The author thanks M.I. Subbotin and other staff members of the machine dynamics laboratory of the Institut mashinovedeniya AN USSR (Institute of the Science of Machines, Academy of Sciences USSR). There are 305 references; 262 Soviet, 33 English, 9 German, and 1 French.

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Electrical Methods of Measuring Mechanical Quantities	14

Card 2/5

RAYEVSKIY, N.P.

DIMENTBERG, Fedor Menas'yevich, doktor tekhn.nauk; SERENSEN, S.V., akademik, otv.red.; ARTOBOLVSKIY, I.I., akademik, otv.red.; BLAGONRAVOV, A.A., akademik; red.; BRUYZVICH, N.G., akademik; red.; DIKUSHIN, V.I., akademik, red.; PINEGIN, S.V., prof., doktor tekhn.nauk, red.; LEVITSKIY, N.I., prof., doktor tekhn.nauk, red.; KOBRINSKIY, A.Ye., doktor tekhn.nauk, red.; RAYEVSKIY, N.P., kand.tekhn.nauk, red.; BESSONOV, A.P., kand.tekhn.nauk, red.; MELEYEV, A.S., red.izd-wa; KUZ'MIN, N.K., tekhn.red.; MAKUNI, Ye.V., tekhn.red.

[Bending vibrations of revolving shafts] Izgibnye kolebaniia vrashchaliushchikhsia valov. Moskva, Izd-vo Akad.nauk SSSR, 1959. 246 p.

1. Akademiya nauk USSR (for Serensen).
(Vibration) (Shafting)

Reyuskiy A.P.
ARTOBOLVSKIY, Ivan Ivanovich, akademik; LEVITSKIY, N.I., prof., doktor tekhn.nauk, otv.red.; BLAGONRAVOV, A.A., akademik, red.; BRUYEVICH, N.G., akademik, red.; DIKUSHIN, V.I., akademik, red.; SERENSEN, S.V., akademik, red.; PINEGIN, S.V., prof., doktor tekhn.nauk, red.; DIMENTBERG, F.M., doktor tekhn.nauk, red.; KOBRINSKIY, A.Ye., doktor tekhn.nauk, red.; RAYEVSKIY, N.P., kand.tekhn.nauk, red.; BESSONOV, A.P., kand.tekhn.nauk, red.; PERLYA, Z.N., red.izd-va [deceased]

[Theory of mechanisms for reproduction of flat curves] Teoriia mekhanizmov dlia vosproizvedeniia ploskikh krivyykh. Moskva, Izd-vo Akad.nauk SSSR, 1959. 253 p. (MIRA 12:8)

1. AN USSR (for Serensen).
(Drawing instruments)

RAYEVSKIY, N.P.

CHERKUDINOV, Sergey Aleksandrovich; ARTOBOLVSKIY, I.I., akademik, otv.red.; BLAGONRAVOV, A.A., akademik, otv.red.; BRUYEVICH, N.G., akademik, red.; DIKUSHIN, V.I., akademik, red.; SERENSEN, S.V., akademik, red.; PINEGIN, S.V., prof., doktor tekhn.nauk, red.; LEVITSKIY, N.I., prof., doktor tekhn.nauk, red.; DIMENTBERG, F.M., doktor tekhn.nauk, red.; KOBRINSKIY, A.Ye., doktor tekhn.nauk, red.; RAYEVSKIY, N.P., kand.tekhn.nauk, red.; BESSONOV, A.P., kand.tekhn.nauk, red.; KUDASHOV, A.I., red.izd-vo; ASTAF'YEVA, G.A., tekhn.red.

[Synthesis of flat hinged-lever mechanisms; problems on the reproduction of a continuous function on a given section]
Sintez ploskikh sharnirno-rychazhnykh mekhanizmov; zadachi o vosproizvedenii nepreryvnoi funktsii na zadannom otrezke.
Moskva, Izd-vo Akad.nauk SSSR, 1959. 321 p. (MIRA 13:1)

1. AN USSR (for Serensen).
(Machinery, Kinematics of)

SPERANSKIY, Nikolay Vasil'yevich; AMTOBOLEVSKIY, I.I., akademik, otv.
red.; DIKUSHIN, V.I., akademik, red.; SERENSEN, S.V., akademik,
red.; PINEGIN, S.V., prof., doktor tekhn.nauk, red.; LEVITSKIY,
A.I., prof., doktor tekhn.nauk, red.; DIMENTBERG, F.M., doktor
tekhn.nauk, red.; KOBINSKIY, A.Ye., doktor tekhn.nauk, red.;
RAYEVSKIY, M.P., kand.tekhn.nauk, red.; BESSONOV, A.P., kand.
tekhn.nauk, red.; SOKOLOVA-CHESTNOVA, V.A., red.izd-va; SUSHKOVA,
L.A., tekhn.red.

[Designing Geneva wheels] Proektirovanie mal'tiiskikh mekhanizmov.
Moskva, Izd-vo Akad.nauk SSSR, 1960. 92 p. (MIRA 13:8)

1. AN USSR (for Serensen).
(Mechanical movements)

Raylsky, A. P.

USE I WORK EXPLORATION SOV/9530
 Vsesoyuznoye nauchnoissledovaniye po osnovnyam problemam teorii mashin
 i mekhanizmov. 2d, Moscow, 1958
 Dinaulika mashin: sbornik statey (Dynamics of Machines: Collec-
 tion of Articles) Moscow, Mashgiz, 1960. 240 p. (Re-
 truz) Extra slip inserted. 3,000 copies printed.
 Sponsoring Agency: Institut mashinovedeniya Akademii nauk
 SSSR.
 Editorial Board: I. I. Artobolevsky (Resp. Ed.) Academician,
 S. I. Artobolevsky, Doctor of Technical Sciences, Pro-
 fessor, D. G. Baranov, Doctor of Technical Sciences, Pro-
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 Lavitskiy, Doctor of Technical Sciences, Professor, and
 L. N. Koshelev, Doctor of Technical Sciences, Professor;
 Ed.: I. V. Buzanova, Candidate of Technical Sciences;
 Managing Ed. for General Technical Literature and Litera-
 ture on Transport Machine Building (Mashgiz).
 A. P. Koslov, Engineer; Tech. Ed.: B. I. Mordel'.
 PURPOSE: This collection of articles is intended for
 engineers, designers, workers at scientific research in-
 stitutes, and instructors at schools of higher technical
 education.
 COVERAGE: This collection consists of reports presented at
 the All-Union Conference on Problems of the Theory of
 Machines and Mechanisms held in Moscow in 1958. The re-
 ports discuss various problems of the dynamic design of
 complex mechanical systems. No personalitles are men-
 tioned. References accompany most of the articles.
 Koshitskiy, S. N., Corresponding Member of the Academy of
 Sciences Ussrinskaya SSh and Ye. N. Barsinov, Candidate of
 Technical Sciences. Investigation of a Vibratory-Impact
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 Makharadze, Ye. O., Candidate of Technical Sciences. The
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 Calculation of Some Types of Cam and Push-Rod Mechanisms
 With Hydraulic and Elastic Connections 186
 Putil, K., Candidate of Technical Sciences (Prague). Effect
 of the Nonlinear Characteristics of Springs on the Vib-
 ration of Machine Foundations 203
 Raylskiy, A. P., Candidate of Technical Sciences. Ad-
 vanced and Present State of the Experimental Dynamics of
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 Tashirovich, I. I., Candidate of Technical Sciences.
 Irregular Processes in Torsionally Oscillating Electro-
 mechanical Systems and Its Simulation 222
 Shorobet, I. A., Candidate of Technical Sciences. Motions
 of a Pendulum Under the Effect of Random-Type Vibrations 235
 AVAILABLE: Library of Congress (RJ181.V8 1958)
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RAYEVSKIY, Nikolay Petrovich; SUBBOTIN, Mikhail Ivanovich; ARTOBOLYV-
SKIY, I.I., akademik, otv. red.; DOBRYSHYEV, Yu.G., red. izd-va;
GOLUB', S.P., tekhn. red.

[Measurement of linear accelerations] Izmerenie lineinykh
uskoreniy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 62 p.
(MIRA 14:5)

(Accelerometers)

GROBOV, Valerian Aleksandrovich; ARTOBOLEVSKIY, I.I., akademik, otv. red.;
DIKUSHIN, V.I., akademik; red.; SERENSEN, S.V., akademik, red.;
PINEGIN, S.V., doktor tekhn. nauk, prof., red.; LEVITSKIY, A.I.,
doktor tekhn. nauk, prof., red.; DIMENTBERG, F.M., doktor tekhn.
nauk, red.; KOBRINSKIY, A.Ye., doktor tekhn. nauk, red.;
RAYEVSKIY, N.P., kand. tekhn. nauk, red.; BESSONOV, A.P., kand. tekhn.
nauk, red.; ORPIK, S.L., red. izd-va; LAUT, V.G., tekhn. red.

[Asymtotic methods for calculating bending vibrations of turbo-
machine rotors] Asimptomicheskie metody rascheta izgibnykh ko-
lebenii valov turbomashin. Moskva, Izd-vo Akad. nauk SSSR,
1961. 165 p. (MIRA 14:5)

1. Akademiya nauk USSR (for Serensen)
(Impellers--Vibration)

RUZGA, Zdenek [Ruzha, Zdenek], inzh.; SHCHIPANOVA, T. [translator]; RAYEVSKIY, N.P., doktor tekhn. nauk, red.; LARIONOV, G.Ye., tekhn. red.

[Electric resistance tensiometers. Translated from Czech] Elektricheskie tenzometry soprotivleniia. Pod red. N.P.Raevskogo. Moskva, Gos. energ. izd-vo, 1961. 335 p. (MIRA 14:7)

(Tensiometers)

(Transducers)

MOROZOV, V.I.; VORONICHEV, N.M.; NAUDIN, Yu.V.; GARMAZA, V.A.; MEDVEDEV, G.I.;
KAMENETSKIY, I.M.; IZCKH, V.V.; BARASHKOV, V.D.; EMPARAPULO, V.Kh.;
RAYEVSKIY, N.P.; SHASHKOV, Yu.M.; GRISHIN, V.P.; SMYSLOV, I.I.;
ROMANENKO, Yu.M.; SAKHAROV, B.B.

Innovations. Avtom. i prib. no.2:61-62 Ap-Je '65.

(MIRA 18:7)

LAY VSKY, N.I. (Moscow)

"The development of experimental methods of machine testing"

Report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow 29 Jan - 5 Feb 64.

VASIL'YEV, A.V., kand. tekhn. nauk; RAPPOPORT, D.M., inzh., RAYEVSKIY,
N.P., doktor tekhn. nauk, retsenzent; SAVKIN, I.P., inzh.,
red.; EL'KIND, V.D., tekhn. red.

[Strain measurement and its use in the investigation of
tractors] Tenzometrirovaniye i ego primeneniye v issledovaniyakh
traktorov. Moskva, Mashgiz, 1963. 338 p. (MIRA 17:3)

AGALETSKIY, P.N.; IORISH, Yu.I.; HAYEVSKIY, N.P.

Inadequate book. Izv. tekhn. no.6:61-62 Je '63.

(MIRA 16:8)

(Measuring instruments)

HORNA, Otakar; SHCHIPANOVA, T.N.[translator]; RAJEVSKIY, N.P.,
doktor tekhn. nauk, red.; SHCHUROVA, Yu.P., red.; LARIONOV,
G.Ye., tekhn. red.

[Tensometer bridge networks]Tenzometricheskie mosty. Pod red.
N.P.Raevskogo. Moskva, Gosenergoizdat, 1962. 333 p.
(MIRA 15:10)

(Tensiometers) (Transducers)

VORONTSOV, N.I.; GEL'FGAT, D.B.; LUNEV, I.S.; OSHNOKOV, V.A.;
STEFANOVICH, Yu.G.; RAYEVSKIY, N.P., doktor tekhn. nauk,
retsenzent; NAKHIMSON, V.A., inzh., red.; EL'KIND, V.D.,
tekhn. red.; VLADIMIROVA, L.A., tekhn. red.

[Strain measurement in motor vehicle parts] Tenzometrirova-
nie detalei avtomobilia. [By] N.I.Vorontsova i dr. Pod red.
I.S.Luneva. Moskva, Mashgiz, 1962. 230 p. (MIRA 15:4)

1. Tsentral'nyy nauchno-issledovatel'skiy avtomobil'nyy i
avtomotorny institut (for Vorontsov, Gel'fgat, Lunev,
Oshnokov, Stefanovich).

(Strain gauges)

(Motor vehicles--Testing)

RAYEVSKIY, N.P.

PHASE I BOOK IMPORTATION

SCV/5734

Academiya nauk SSSR. Institut mashinovedeniya. Seminar po teorii mashin i mekhanizmov.

Trudy, t. 21, vyp. 83-84 (Academy of Sciences of the USSR. Institute of Machine Science. Seminar on the Theory of Machines and Mechanisms. Transactions) v.21, nos. 83-84. Moscow, Izd-vo AN USSR, 1961. 161 p. Errata slip inserted. 2000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR.

Editorial Board: Resp. Ed.: I.I. Antobolevskiy, Academician, G.G. Buzanov, Professor, Doctor of Technical Sciences; N.L. Lyshchinskiy, Doctor of Technical Sciences; V.A. Gavrilenko, Professor, Doctor of Technical Sciences; V.A. Zinov'yev, Professor, Doctor of Technical Sciences; A.Ye. Kobrinskiy, Doctor of Technical Sciences; N.I. Levitskiy, Professor, Doctor of Technical Sciences; N.P. Rayevskiy, Doctor of Technical Sciences; L.N. Reshetov, Professor, Doctor of Technical Sciences; and M.A. Skuridin,

Card 1/6

Seminar on the Theory (Cont.)

SOV/5734

Professor, Doctor of Technical Sciences; Ed. of Publishing House: A.A. Davidenko; Tech. Ed.: S.G. Tikhomirova.

PURPOSE: This collection of articles is intended for scientific research workers and designers in the fields of machine and mechanism dynamics.

COVERAGE: The articles in No. 83 discuss the following: developments and achievements in the field of machine and experimental dynamics, including vibrations and vibratory impact; investigations in the theory of intermittent motions; differential equations for describing the joint motion of mechanical (disbalancing vibrators; investigations into the dynamics and stability of periodic regimes of motion in vibratory-impact systems; an attempt to find an approximate periodic solution of a second-order nonlinear differential equation; and results of the application of electronic analog computers in analyzing the operation of rolling mills. No. 84 includes articles on the following: an analytical

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7

Seminar on the Theory (Cont.)

SOV/5734

method for determining the position of three-dimensional multiple-link mechanisms composed of three-dimensional kinematic groups with lower kinematic pairs; an analytical method for determining the parameters of the simplest hinged linkage with two degrees of freedom; a general method for investigating three-dimensional gearings; the effect of dry-friction dampers on vibrations in railway vehicles; and the utilization of Burmaster's curves for determining the parameters of a multiple-link hinged linkage with a dwell. No personalities are mentioned. References accompany individual articles. There are 260 references: 212 Soviet, 31 English, 16 German, and 1 French.

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Foreword

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PHASE I BOOK EXPLOITATION SOV/5702

Rayevskiy, Nikolay Petrovich, and Mikhail Ivanovich Subbotin

Izmereniye lineynykh uskoreniy (Linear Acceleration Measurements)
Moscow, Izd-vo AN SSSR, 1961. 62 p. 5,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut mashinovedeniya.

Resp. Ed.: I. I. Artobelevskiy, Academician; Ed. of Publishing
House: Yu. G. Drobyshev; Tech. Ed.: S. P. Golub'.

PURPOSE : This book is intended for scientific workers and
engineers concerned with acceleration measurement.

COVERAGE: The book discusses electrical pickups of linear accel-
erations with wire strain gauges. The most recent piezoceramic
barium titanate wire pickup gauges of simple design are also
described. N. P. Rayevskiy wrote Chs. 1, 6, 7, and 8, and
M. I. Subbotin Chs. 2, 3, 4, 5, and 9. No personalities are
mentioned. There are 55 references: 37 Soviet, 17 English,

Card 1/3

... .. V.A.; SHAGHULIN, R.R.; TILLOTSON, R.L.;
... ..

... .. electronic and vibrational spectra of anils of o-hydroxyaldehydes.
Zh. fiz. khim. 38 no. 7:1718-1727 J1 '64. (MIRA 12:3)

... .. Leningrad State University.

RAYEVSKIY, O.A.; SHAGIDULLIN, R.R.; KITAYEV, Yu.P.

Vibrational spectra and structure of thiosemicarbazones of
some keto acid esters. Dokl. AN SSSR 159 no.4:900-903 D '64
(MIRA 18:1)

1. Khimicheskiy institut imeni A. Ye. Arbuzova AN SSSR.
Predstavleno akademikom B.A. Arbuzovym.

RAYEVSKIY, O.M. [Raievs'kyi, O.M.]

Relation between the typological and age peculiarities of higher nervous activity in human beings. Nauk. zap. Nauk.-dosl. inst. psykhol. 11:261-254 '59. (MIRA 13:11)

1. Institut psikhologii, Kiyev.
(Nervous system)

SOV/86-58-8-2/37

AUTHOR: Rayevskiy, P.D., Lt Col, and Fadin, Ye.S., Capt

TITLE: Party Organization Fights for High Standards in Training (Partiynaya organizatsiya v bor'be za vysokoye kachestvo ucheby)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 8, pp 9-14 (USSR)

ABSTRACT: The authors describe the role played by party organizations in the training of personnel in general, and of flying personnel in particular. They are members of an outstanding bomber unit, which has had no aircraft accidents during the last 10 years.

Card 1/1

RAYEVSKIY, P.D., podpolkovnik; FADIN, Ye.S., kapitan.

Party organization in the fight for a high quality of training.
Vest. Vozd. Fl. 41 no.8:9-14 Ag '58. (MIRA 11:9)
(Aeronautics--Study and teaching)
(Communist Party of the Soviet Union--Party work)

GERTS, Yelena Vasil'yevna; KREYNIN, German Vladimirovich; ARTOBOLEVSKIY, I.I., akademik, otv.red.; BLAGONRAVOV, A.A., akademik, red.; BRUYEVICH, N.G., akademik, red.; DIKUSHIN, V.I., akademik, red.; SERENSEN, S.V., akademik, red.; PINEGIN, S.V., doktor tekhn.nauk, red.; LEVITSKIY, N.I., prof., doktor tekhn.nauk, red.; DIMENTBERG, F.M., doktor tekhn.nauk, red.; KOBRINSKIY, A.Ye., doktor tekhn. nauk, red.; RAYEVSKIY, P.P., kand.tekhn.nauk, red.; BESSONOV, A.P., kand.tekhn.nauk, red.; GORSHKOV, G.B., red.izd-va; MAKOGONOVA, I.A., tekhn.red.

[Theory and design of pneumatic power devices] Teoriia i raschet silovykh pnevmaticheskikh ustroystv. Moskva, Izd-vo Akad.nauk SSSR, 1960. 177 p. (MIRA 14:2)

1. AN USSR (for Serensen).
(Pneumatic machinery)

RAYEVSKIY, P.P. (Stalino (Donbass), 3, ul. Mikoyana, d.7, kv.15)

Clinical importance of renal dystopia in general surgical practice.
Nov.khir.arkh. no.2:48-51 Mr-Apr '57. (MIRA 10:8)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. K.T.Ovnatanyan)
Stalinskogo meditsinskogo instituta
(KIDNEYS--ABNORMITIES AND DEFORMITIES)

RAYEVSKY

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2768. THE CLINICAL SIGNIFICANCE OF RENAL DYSTOPIA IN GENERAL
SURGICAL PRACTICE (Russian text) - Raevskii P. P. - NOV. KHIR.
ARKH. 1957, 2 (48-51)

An analysis of 99 case histories revealed 36 cases of homolateral and 4 cases of 'crossed' dystopia. In the latter both kidneys lie on the same side and one of the ureters crosses the vertebral column. Of the 40 cases of dystopia, 22 were lumbar, 15 subdiaphragmatic, and 3 pelvic. The author suggests the reintroduction of the method of palpatory albuminuria (Menge 1900). In 20 out of 21 patients with the diagnosis of abdominal tumour a displaced kidney and in one an adenoma of the lower pole of the kidney was discovered. Pyelography represents the best diagnostic method. (S)

RAYEVSKIY, R.

Vocational physical education in France. Prof.-tekhn. obr. 22 no.3;
30-31 Mr '65. (MIRA 18:7)

BEREZKIN, P.N., inzh.; BONDIN, Ye.A., inzh.; GRIGOROV, G.Ye., inzh.;
DURNOVSKIY, V.I., inzh.; KOZHEUROV, P.I., inzh.; NARTOV, Ya.G.,
inzh.; RAZSHIGAYEV, A.F., inzh.; RAYEVSKIY, S.A., inzh.;
SAPOZHNIKOV, N.S., inzh.; TELIPAN, M.G., inzh.; CHEREMOVSKIY,
Yu.I., inzh.; CHERNOV, D.A., inzh.; DUGINA, N.A., tekhn.red.

[GhTZ tractors] Traktory GhTZ. Moskva, Gos. nauchno-tekhn.
izd-vo mashinostroit. lit-ry, 1957. 101 p. (MIRA 11:5)
(Tractors)

RAYEVSKIY, Sergey Petrovich; ZENKOV, Mikhail Vladimirovich; SHABLINSKIY,
V.V., red.; MEDVEDEV, L.Ya., tekhn.red.

[Peat bogs fed by underground water under pressure; hydrogeological
studies and methods of drying] Torfiane mestorozhdeniia naporno-
gruntovogo pitaniia; gidrogeologicheskie issledovaniia i sposoby
osusheniia. Moskva, Gos. energet. izd-vo, 1957. 135 p. (MIRA 11:4)
(Peat bogs)

BABUSHKIN, V.D.; RAYEVSKIY, S.P.

Determining the filtration anisotropy of aquiferous formations by
experimental pumping. Razved. i okh. nedr 23 no. 1:49-54 Ja '57.

(MLRA 10:3)

1. Gosudarstvennyy Trast po proyektirovaniyu energeticheskikh predpriyatiy.
(Water, Underground)

RAYEVSKIY, S.P., inzhener; ZENKOV, M.V., inzhener.

Importance of hydrogeological studies in planning a drainage network
for peat deposits. *Trof.prem.* 34 no.2:31-32 '57. (MLRA 10:3)

1. Mesgidop.

(Peat bogs)

(Drainage)

AYEVSKIY, S.P., inzhener; ZENKOV, M.V., inzhener.

Drainage of peat deposits fed by ground water under pressure.
Turf.prom.33 no.6:32-33 '56. (MLRA 9:10)

1. Mesgidop.
(Peat bogs) (Drainage)

ROCHEV, N.N., glav. red.; VAVILOV, P.P., red.; VERTEL', E.I., red.; GORELIK, A.I., red.; GUZMAN, I.S., red.; KUZNETSOV, G.N., red.; MEDVEDEV, G.A., red.; MODYANOV, Ya.V., red.; PANTELEYEVA, A.A., red.; POLYAKOV, V.V., red.; POPOV, S.A., red.; POPOVA, S.M., red.; RAYEVSKIY, S.S., red.; RUDAKOV, S.V., red.; SYUTKIN, A.F., red.; USOV, A.I., red.; USTINOVA, I.K., red.; SHKIL', P.T., red.; CHEBYKIN, N.P., red.; MEZENTSEV, S.A., red.; MOROZOV, V.S., red.; OPLESNIN, I.I., tekhn. red.

[Forty years of the Komi A.S.S.R., 1921-1961; studies on the cultural and economic development of the Komi Republic] 40 let Komi ASSR, 1921-1961; ocherki o razvitii ekonomiki i kul'tury Komi Respubliki. Syktyvkar, Komi knizhnoe izd-vo, 1961. 154 p. (MIRA 14:11)
(Komi A.S.S.R.--Economic conditions) (Komi A.S.S.R.--Culture)

RAYEVSKIY, S.Ya.

On certain typical nonlinearities in continuous random reactions.
Vest.Mosk. un.10 no.12:37-47 D '55. (MLRA 9:5)

1. Kafedra teorii kolebaniy.
(Mathematical physics) (Servomechanisms)

RAYEVSKIY, S. Ya. Cand Phys- Math Sci --(diss) "Certain statistical methods and their application in the theory of controllable systems." Mos, 1956.
11 pp 20 cm. (Mos Order of Lenin and Order of Labor Red Banner State U im M.V. Lomonosov. Physics Faculty) 100 copies (KL, 7-57, 104)

RAYEVSKIY, S.Ya.

The theory of oscillations modulated stochastically by the amplitude and phase. Vest. Mosk. un. Ser. mat. mekh., astron., fiz., khim. 11 no.2:109-119 '56. (MIRA 10:12)

1. Kafedra teorii kolebaniy Moskovskogo gosudarstvennogo universiteta.
(Oscillations) (Modulation theory)

RAYEVSKIY, S. Ya.

Rayevskii, S. Ya. On some typical nonlinearities for continuous random events. Vestnik Moskov. Univ. 10 (1955), no. 12, 37-47 (1956). (Russian)
Stochastic functions $X_2(t) = f(X_1(t))$ are considered, where $X_1(t)$ is a Gaussian process, for three special odd polygonal functions $f(x_1)$ of the real variable x_1 . The first- and second-order characteristic functions of $X_2(t)$ are computed, and expressions for the expectation and autocorrelation are given explicitly. The computation is along similar lines to those of Middleton [Quart. Appl. Math. 5 (1948), 445-498; MR 9, 362].
E. Reich.

13

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Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 10 (USSR)

AUTHOR: Rayevskiy, S. Ya.

TITLE: On the Dynamic Accuracy of a Servomechanism Containing a Typical Nonlinear Link (O dinamicheskoy tochnosti sledyashchey sistemy, sodержashchey tipovoye nelineynoye zveno)

PERIODICAL: Vestn. Mosk. un-ta. Ser. matem., mekhan., astron., fiz., khimii, 1957, Nr 1, pp 84-94

ABSTRACT: It is shown that the dynamic accuracy of a servomechanism containing a typical nonlinear link is substantially influenced by self-induced oscillations and the statistical interaction characteristics as expressed by the probability power-density spectra. The formulas obtained permit an estimate, in some cases, of the error in the determination of a system error incurred by averaging out the nonlinearity.

1. Servomechanisms--Mathematical analysis
 2. Servomechanisms--Oscillations
 3. Mechanics--Theory
- Ye. N. Miroslavlev

Card 1/1

103-11-6/10

AUTHOR: Rayevskiy, S. Ya., (Moscow)

TITLE: On the Dynamical Precision of an Observation System Containing a Non-Linear Block with a Polynomial Characteristic (O dinamicheskoy tochnosti sledyashchey sistemy, soderzhashchey nelineynoye zveno s polinomial'noy kharakteristikoy).

PERIODICAL: Avtomatika i Telemekhanika, 1957, Vol. 18, Nr 11, pp. 1010-1016 (USSR)

ABSTRACT: In order to be able to take the average square of errors of self-oscillations occurring in non-linear observation systems into account, a method of successive approximations is here dealt with. First, the equation of the non-linear observation system is set up and its solution is given. Next, the highest moments of random functions are represented in correlation. The employment of this manner of representation (in correlation) makes it possible to replace the investigation of the higher moments by one of the second and lowest moments (according to the order of the odd moment) in the case of any linear and non-linear transformations of random processes. Next, the average square of errors of a non-linear observation system is investigated. The method described makes it possible to give an approximate explanation

Card 1/2

On the Dynamical Precision of an Observation System Containing 103-11-6/10
a Non-Linear Block with a Polynomial Characteristic

of the influence exercised by self-oscillations and the higher effective moments upon the dynamical precision of the system. The method can be applied in radiotechnology and in particular to problems concerning fluctuations in a tube generator. There are 2 figures and 4 Slavic references.

SUBMITTED: September 27, 1956

AVAILABLE: Library of Congress

Card 2/2

RAYEVSKIY, S. Ya.

PHASE I BOOK EXPLOITATION 376

. Avtomaticheskoye upravleniye i vychislitel'naya tekhnika, vyp. 1.
(Automatic Control and Computing Technique, v. 1) Moscow,
Mashgiz, 1958. 302 p. 7,000 copies printed.

Ed.: Solodovnikov, V.V., Doctor of Technical Sciences, Professor;
Scientific Ed. of Publishing House: Polyakov, G.F.; Tech. Ed.:
Sokolova, T.F.; Managing Ed. for Literature on Machine Building
and Instrument Making (Mashgiz): Pokrovskiy, N.V., Engineer.

PURPOSE: The book is intended for engineers and scientific personnel.

COVERAGE: The book is a collection of eleven articles presented at
a seminar on the theory and technique of automatic control and
computing machines. The seminar was organized by the Scientific
and Technical Society of Instrument Making, the Moscow Higher

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Automatic Control and (Cont.) 376

Technical School imeni Bauman, and the Moscow Aviation Institute imeni S.Ordzhonikidze. The Moscow Physics and Engineering Institute also participated in the seminar. The first five articles outline the theory of automatic control, the next four describe automatic control systems and system components, and the last two articles discuss differential analyzers. No personalities are mentioned.

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